CONSTRUCTION DETAILS

A. Install base-mounted cabinet (size 6) and controller. (Note: two-4in. PVC schedule 40 conduit bends, one-3 in. PVC schedule 40 conduit bend, and one-2 in. PVC schedule 80 conduit bend).

B. Install 4 in. PVC schedule 40 electrical conduit - trenched.

C. Install handhole.

D. Install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.

E. Install 2 in. PVC schedule 40 electrical conduit - trenched.

F. Install 4 in. PVC schedule 80 electrical conduit - trenched prior to the installation of road surface.

G. Install 3 in. PVC schedule 40 electrical conduit - trenched.

J. Splice existing loop detector to new 2 conductor aluminum shielded cable.

K. Abandon existing handhole.

L. Abandon existing conduit.

M. Abandon existing loop detector.

N. Install 12 in. x 40 ft. wood pole with back guy (Note: one 3 in. PVC schedule 80 conduit riser).

O. Install 12 in. x 40 ft. wood pole with back guy.

P. Install 6 ft. x 30 ft. quadrupole loop detector (2-4-2 turns).

Q. Install 6 ft. x 6 ft. loop detector (3 turns).

S. Remove and salvage existing strain pole.

T. Remove and salvage existing strain pole and lighting arm.

U. Remove and salvage existing pole mounted controller and cabinet.

V. Install 3/8 in. steel span wire and proposed signal heads as shown.

W. Remove existing span wire and signal heads.

X. Remove existing span wire (Note: Relocate existing signal heads and signs as shown prior to removing span wire. (Recable signal heads as detailed).

Y. Install 3/8 in. steel span wire and relocated signal heads and sign as shown.

Z. Install 3/8 in. steel span wire, relocated existing signal heads, signs, and proposed signal head as shown.

AA. Install 24 in. white permanent preformed pavement marking.

BB. Install 2 in PVC schedule 80 electrical conduit riser on pole.

CC. Install 2 in. PVC schedule 80 electrical conduit - trenched.

DD. Proposed telephone drop for intersection monitor.

FF. Use existing conduit.

HH. Use existing handhole.

MM. Install 1 in. galvanized steel conduit for detector wire sleeve.

WW. Install 2 in. PVC schedule 40 electrical conduit - trenched. (Note: The contractor shall pick-up existing conduit bend stub-out in the existing pole base.).

MD 202 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

PHASING NOTES :
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

MOT LEGEND

- DOUBLE FACED CONCRETE BARRIER
- CHANNELIZATION DEVICE
- TYPE III BARRICADE
- ATTENUATOR
- TEMPORARY TRAFFIC CONTROL SIGN
- PROPOSED ROAD WORK
- PAVEMENT REMOVAL
- OVERLAY

UTILITY LEGEND

- G —— G —— GAS MAIN
- W —— W —— WATER MAIN
- S —— S —— SEWER MAIN
- E —— E —— ELECTRIC CABLES
- A —— A —— AERIAL CABLES
- T —— T —— TELEPHONE CABLES

GENERAL NOTES

1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
2. "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
3. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
4. CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. ALL PPROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALL TO FINAL GRADE.
6. CONTRACTOR SHALL LEAVE 20 FT OF SLACK-IN CABLE TRAFFIC SIGNAL HEADS.
7. CONTRACTOR SHALL REMOVE THE ABANDONED THE ELECTRICAL CABLES FROM SPAN WIRE AND CONDUITS.
8. REFER TO MAINTENANCE OF TRAFFIC PLANS FOR TRAFFIC CHANNELIZING DEVICES.

DCI CONSULTING ENGINEERS COLUMBIA, MARYLAND

F H W A REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD			

REVISIONS

(A) RECONSTRUCT SIGNAL WITH GEOMETRIC IMPROVEMENTS P-137-201-371 — 12/95

DMP DCI

APPROVALS

CHIEF, SIGNAL DESIGN SECTION

ASST. DISTRICT ENGINEER, TRAFFIC

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

DIRECTOR, OFFICE OF TRAFFIC & SAFETY

TEMPORARY SIGNAL STAGE I

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

ORIGINAL DRAWN BY: R. CICCHINI
DES. BY: D. PETERS
CHK. BY:

MD 202 AT MD 193

LOG MILE # 16019319.52 COUNTY: PRINCE GEORGE'S

DATE: 12/95 F.A.P. NO.
SCALE: 1"=20' S.H.A. NO.

TS/FILE NO. 2559-XI

SHEET NO. ___ OF ___

f:\projects\8817013\dgn\sig\new\ss Dec. 20, 1995 12:44:32